

bs-7921R**[Primary Antibody]****Robo2 Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000) Reactivity: Mouse (predicted: Human, Rat, Rabbit, Pig, Cow, Chicken, Dog, Horse) Predicted MW.: 149 kDa Subcellular Location: Cell membrane
Clonality: Polyclonal		
GeneID: 6092	SWISS: Q9HCK4	
Target: Robo2		
Immunogen: KLH conjugated synthetic peptide derived from human Robo2: 144-220/1378.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: Receptor for SLIT2, and probably SLIT1, which are thought to act as molecular guidance cue in cellular migration, including axonal navigation at the ventral midline of the neural tube and projection of axons to different regions during neuronal development. Involvement in disease:Defects in ROBO2 are the cause of vesicoureteral reflux type 2 (VUR2) . VUR is a complex, genetically heterogeneous developmental disorder characterized by the retrograde flow of urine from the bladder into the ureter and is associated with reflux nephropathy, the cause of 15% of end-stage renal disease in children and young adults.		